

Title (en)

Tank with internal connecting member and method for assembling such a tank

Title (de)

Behälter mit innerem Verbindungsteil und Verfahren zur Montage eines solchen Behälters

Title (fr)

Réservoir avec élément de raccordement interne et procédé d'assemblage d'un tel réservoir

Publication

**EP 2845761 A1 20150311 (EN)**

Application

**EP 13183419 A 20130906**

Priority

EP 13183419 A 20130906

Abstract (en)

It is proposed a method for assembling a tank, comprising: - providing a plastic first shell, a plastic second shell with an opening, and at least one connecting member with a plastic end part suitable for being arranged in or around said opening, said first and second shell delimiting an internal volume of the tank, and said connecting member being dimensioned for connecting said first and second shell in the internal volume of the tank; - welding a circumference of said first shell to a circumference of said second shell; - arranging said end part in or around said opening; and - connecting said end part of said connecting member to a wall part of said second shell by heating an external area of the second shell surrounding said opening and/or by heating said end part of said connecting member.

IPC 8 full level

**B60K 15/03** (2006.01)

CPC (source: EP US)

**B29C 66/54** (2013.01 - US); **B60K 15/03177** (2013.01 - EP US); **B60K 2015/03032** (2013.01 - US); **B60K 2015/0346** (2013.01 - US); **B60K 2015/03493** (2013.01 - US); **F01N 2610/1406** (2013.01 - EP US)

Citation (applicant)

- DE 102009036911 A1 20110217 - MAGNA STEYR FUEL SYSTEMS GMBH [AT]
- WO 2012139962 A1 20121018 - INERGY AUTOMOTIVE SYSTEMS RES [BE], et al

Citation (search report)

- [AD] DE 102009036911 A1 20110217 - MAGNA STEYR FUEL SYSTEMS GMBH [AT]
- [A] DE 102011015049 A1 20120927 - KAUTEX TEXTRON GMBH & CO KG [DE]
- [A] DE 19909041 A1 20000907 - MANNESMANN VDO AG [DE]
- [A] US 5129544 A 19920714 - JACOBSON WENDELL L [US], et al

Cited by

US2016243930A1; US10752107B2; EP2857645B1; EP2857645B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2845761 A1 20150311**; CN 105517831 A 20160420; CN 105517831 B 20191129; EP 3041700 A1 20160713; EP 3041700 B1 20170823; US 10399278 B2 20190903; US 2016200189 A1 20160714; WO 2015032924 A1 20150312

DOCDB simple family (application)

**EP 13183419 A 20130906**; CN 201480048558 A 20140905; EP 14758993 A 20140905; EP 2014068996 W 20140905; US 201414912708 A 20140905